

PHASE COUPLER

Abstract of Disclosure

A phase coupler for operable communication between at least two phases of an electrical distribution system while maintaining power isolation between the phases comprising: a capacitive circuit connected to the at least two phases and configured to transfer a signal having a predetermined frequency or frequency range from a first phase to a second phase; a first terminal in operable communication with the circuit and the first phase; a second terminal in operable communication with the circuit and the second phase; a third terminal in operable communication with the circuit and a neutral line of the electrical system; and a housing configured to house said circuit and provide for operable electrical connection between said first, second and third terminals and an outside conductor.

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